OIPE
APR 17 2006
PATENT & TRADEMARK OFFICE

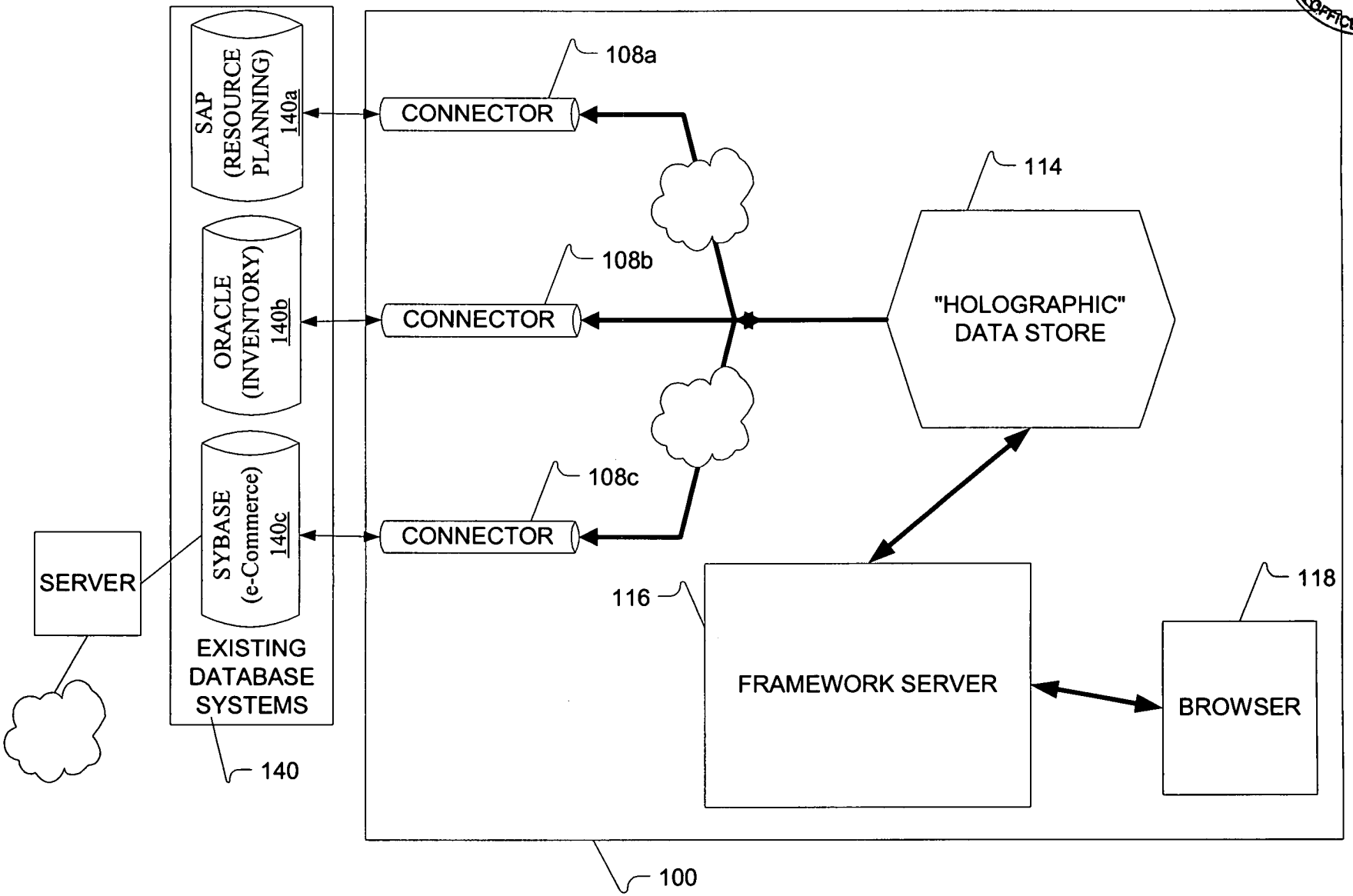


Figure 1

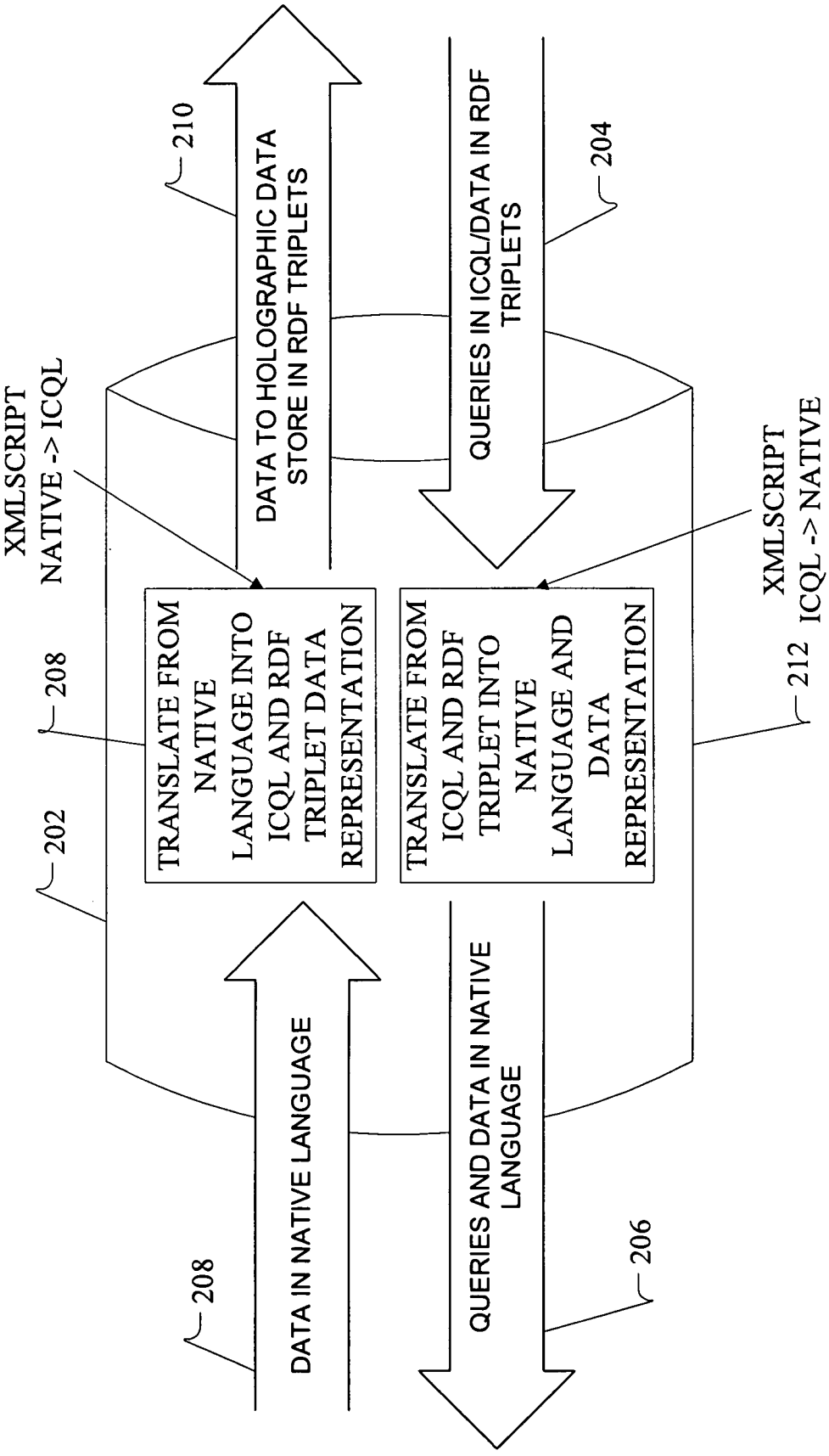
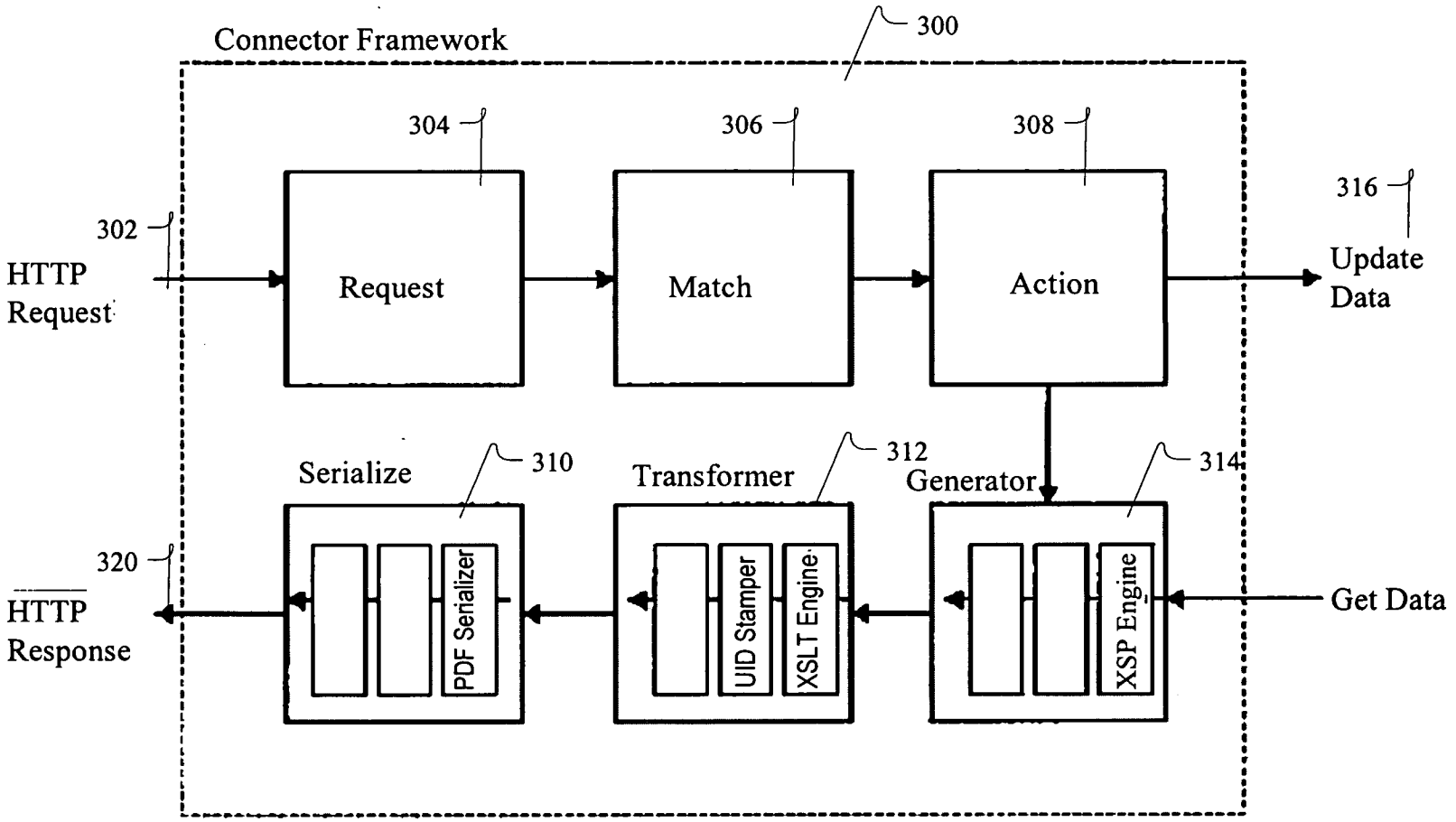

DATA IN NATIVE LANGUAGE
208
QUERIES AND DATA IN NATIVE LANGUAGE
206
TRANSLATE FROM NATIVE LANGUAGE INTO ICQL AND RDF TRIPLET DATA REPRESENTATION
208
202
XMLSCRIPT NATIVE -> ICQL
TRANSLATE FROM ICQL AND RDF TRIPLET INTO NATIVE LANGUAGE AND DATA REPRESENTATION
212
XMLSCRIPT ICQL -> NATIVE
DATA TO HOLOGRAPHIC DATA STORE IN RDF TRIPLETS
210
QUERIES IN ICQL/DATA IN RDF TRIPLETS
204

Figure 2

Data flow pipeline inside a connector



Multiple engines/modules can be insertedin the internal data pipeline. Each module transforms data and passesit along the stream.

Figure 3

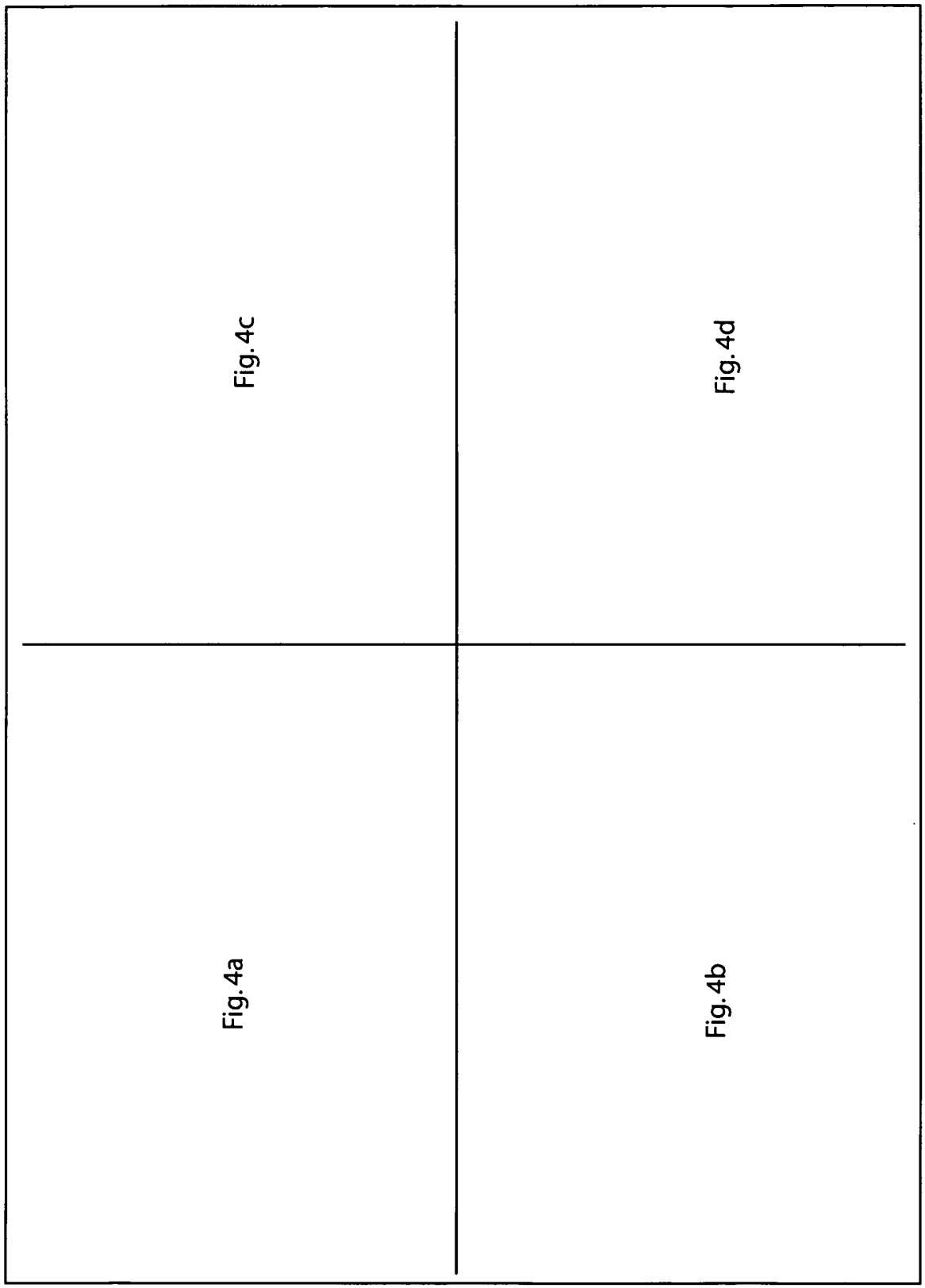
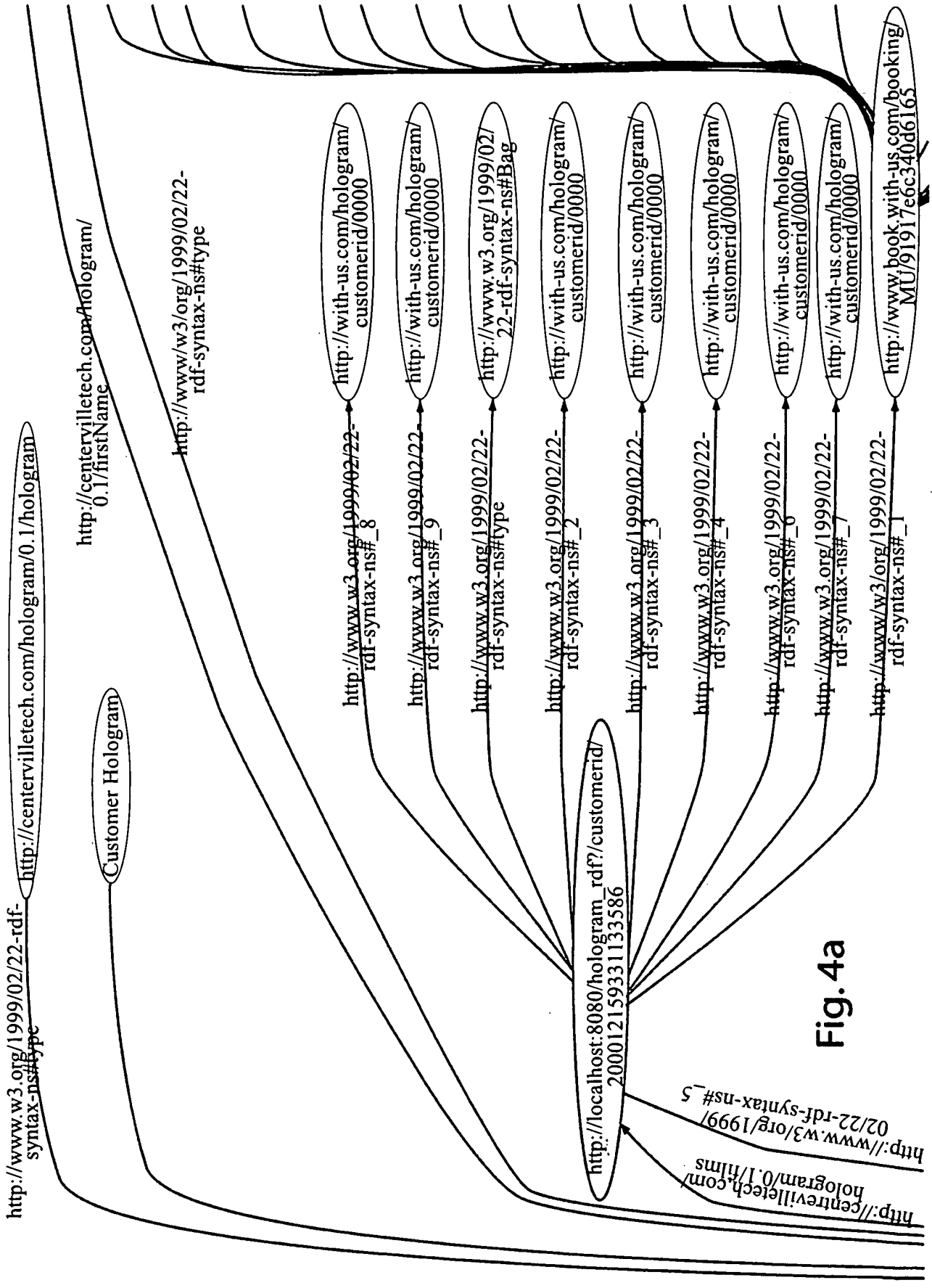


Figure 4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http://with-us.com/hologram/customerid/0000
http://www.w3.org/1999/02/22-rdf-syntax-ns#_9
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http://www.w3.org/1999/02/22-rdf-syntax-ns#type
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Fig. 4a

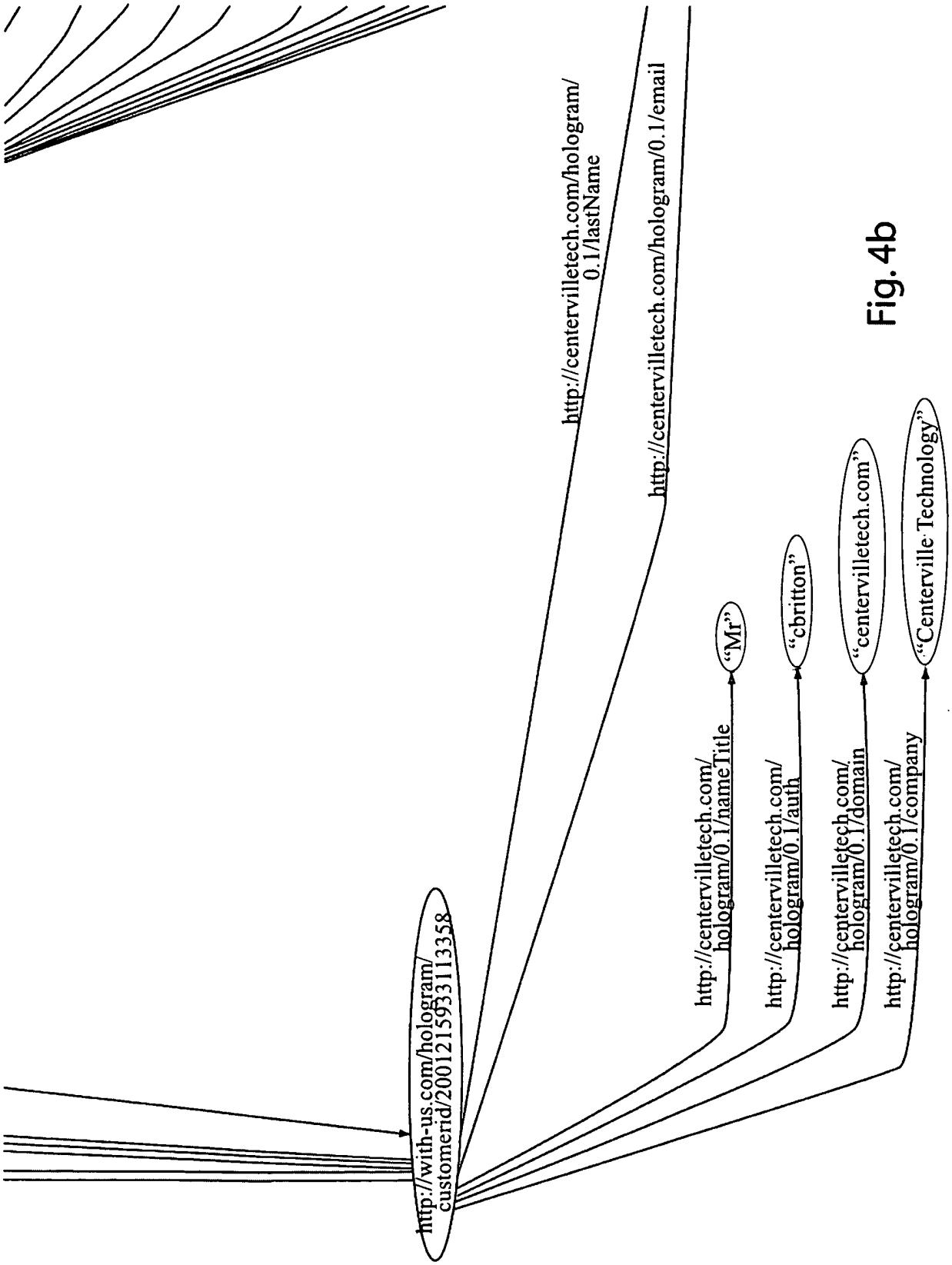
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Fig. 4b

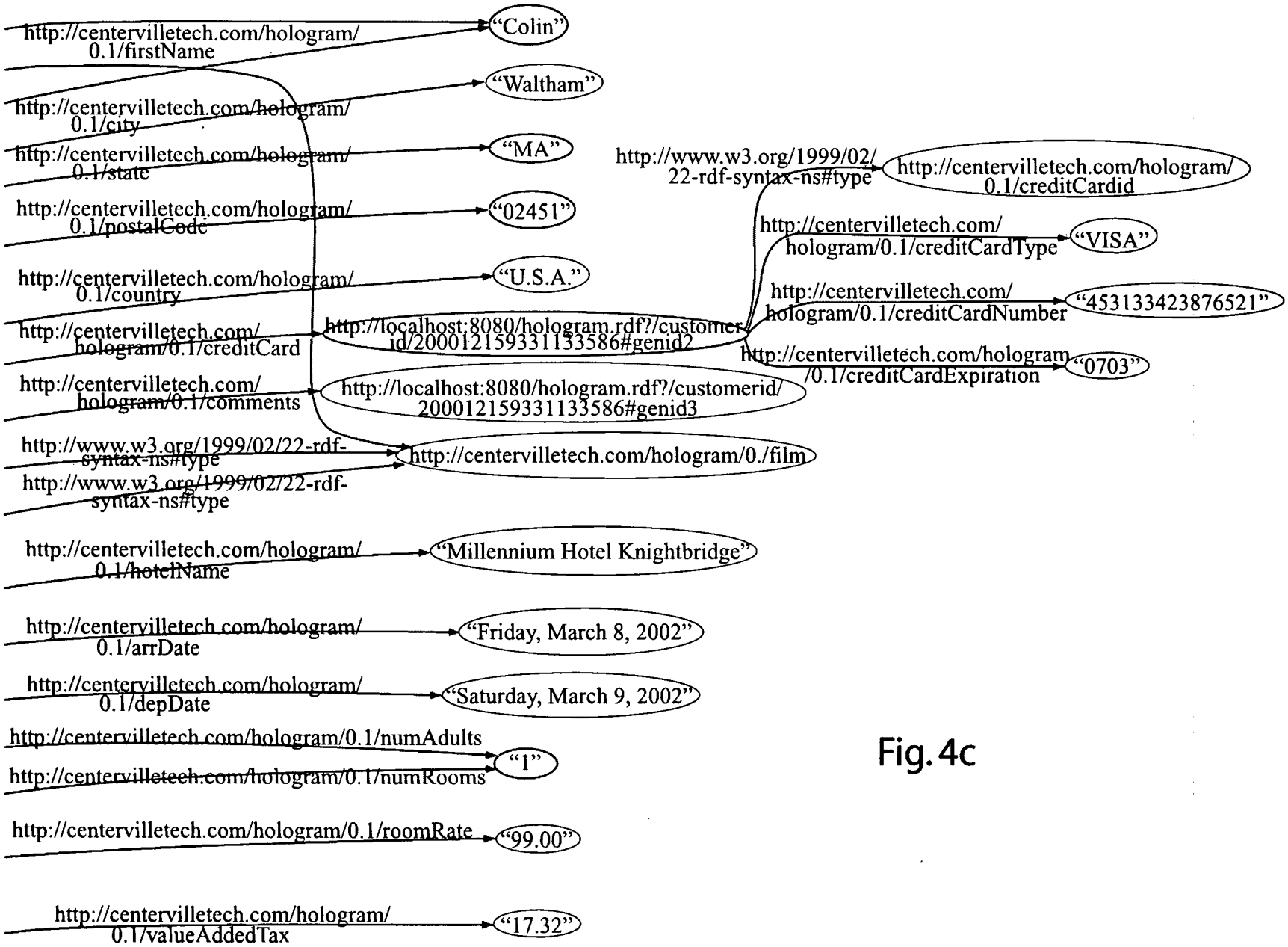
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Fig. 4c

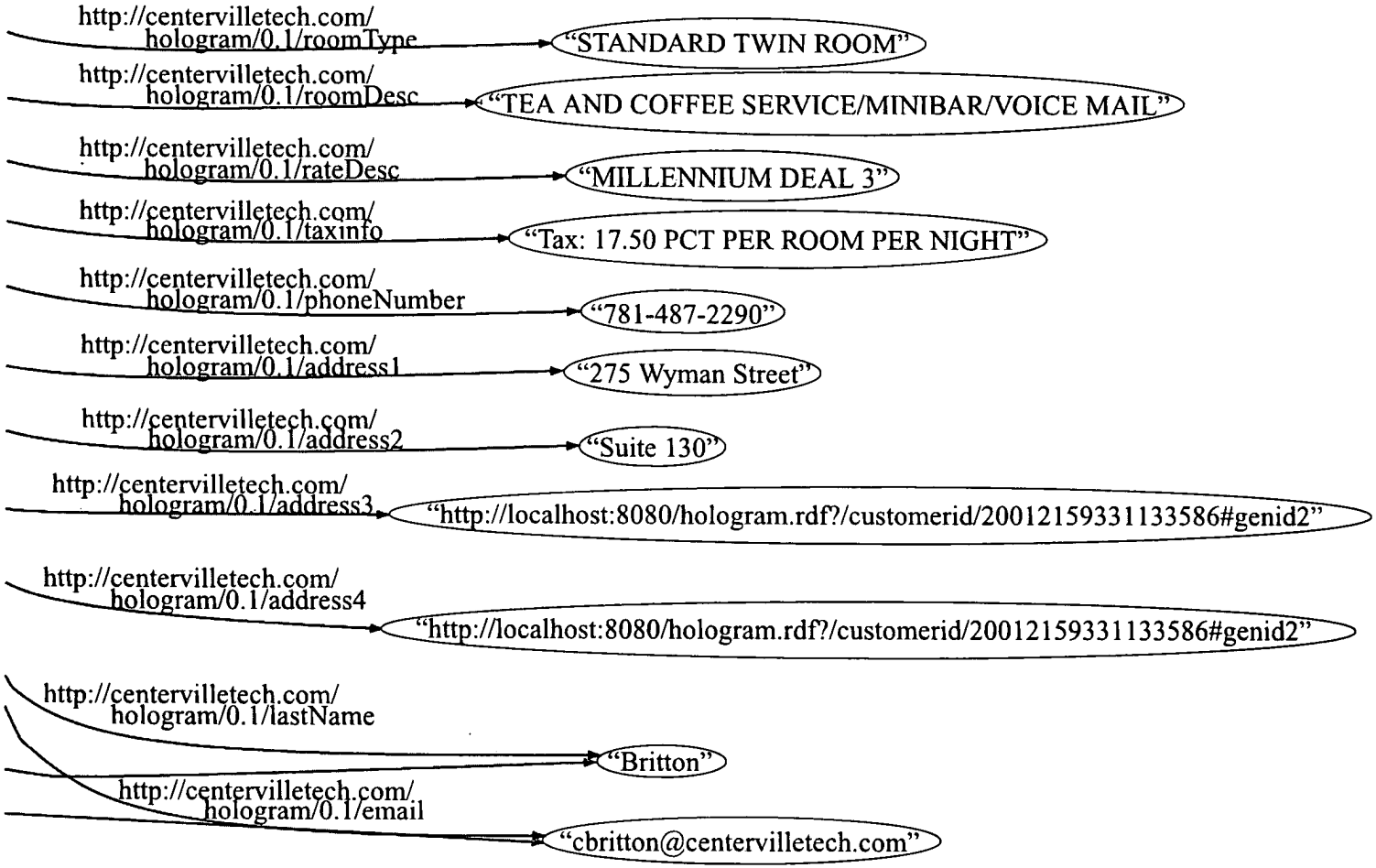
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Fig. 4d